

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

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Eiju KOMURO

Application No.: New U.S. National Stage of
PCT/GB01/02293

Filed: January 17, 2002

Docket No.: 111677

For: IMPROVEMENTS TO FILTERS

PRELIMINARY AMENDMENT

Director of the U.S. Patent and Trademark Office
Washington, D. C. 20231

Sir:

Prior to initial examination, please amend the above-identified application as follows:

IN THE CLAIMS:

Please replace claims 3-15 as follows:

3. (Amended) An electric filter as described in claim 1, wherein the areas of the electrodes for the FBARs linked in series are adjusted so that their series resonance frequency is the same as the parallel resonance frequency of the FBARs linked in parallel.
4. (Amended) An electric filter as described in claim 1, wherein the piezoelectric material is zinc oxide.
5. (Amended) An electric filter as described in claim 1, wherein the piezoelectric material is substantially comprised of lead titanate zirconate.